Management Plan for *Some Landowner*
Somewhere Town, MA

Applicant: *John Landowner*
Organization (if any)
Street
Town, MA zip code
Phone number
Fax
Email

Description and location of the parcel:
Please include ownership, acreage, what road access is gained from, habitat type and surrounding land. Is their land with similar ecological value nearby? How far?

The 23 acre property is owned by the Trustees of Reservations and is located on Reservation Rd, Somewhere town, MA. The majority of the land is approx. 18 acres of mixed coniferous-deciduous forest (80%) followed by 3.5 acres of open field (15%) and a private dwelling on 0 .5 acres (5%). The land is adjacent to Somewhere Town Conservation Land and west of Reservation Lake.

Size of the specific area(s) to be managed:
Please describe the size and habitat of the site requiring treatment.

17.6 *acres of mixed oak/hardwood forest (see attached map).*

Description of the area(s) needing treatment:
Describe the current property conditions. Does the property have any protection (conservation restriction)? Will the property connect similar habitats? Is the area surrounded or bordering any state or federal land? Is the area in the "core habitat" or the "supporting natural landscape" as designated by the Massachusetts BioMap Project? What at-risk-species are present? Please list the type and severity of problem(s). Be as specific as possible.

General treatment strategy:
Why is the project being undertaken? What is the project's goal?

Specific management:
List your measurable objectives and long term goals.

Objective 1: Provide a variety of food and cover types for desired wildlife species
Objective 2: Remove invasive species in the target area.
Objective 3: Plant native grasses and shrubs to restore natural function and values in the area.
Objective 4: Maintain successional area for at least 10 years.

Please describe the work planned to address the problem.

Objective 1, Task 1: Create nesting, resting, escape and travel lanes by leaving snags and brush piles and open areas.
Objective 2, Task 1: Remove invasive species, such as blackberry, knotweed

and Japanese honeysuckle with the use of chemical herbicides

Objective 3, Task 1: Plant native warm season grasses and shrubs on 10 acres to provide cover and food.
Objective 4, Task 1: Mow the area every third year to prevent regeneration of forest and woody plants.

Expected Benefits:

List any benefits to at-risk-species and other wildlife.

New England Cottontail: Breeding and Winter shelter; feeding
Ruffed Grouse: Breeding shelter; breeding feeding
American Woodcock: Breeding shelter; breeding feeding
Etc…

Please explain how you plan to measure success (short and long term). Is the Project likely to successfully meet the attributes of a *restored ecosystem* (see following page). What maintenance and monitoring will you do?

Success will be measured by the development of a restored ecosystem that contains a characteristic native assemblage of flora and fauna. The area has been removed of potential threats and accomplishes the objectives set forth in the management plan. Long term success will be measured by the recovery of at-risk-species and a functional restored ecosystem that is sufficiently resilient.

Monitoring will be completed by visually inspecting the area twice per year, early summer and fall. Inspection will include checking the integrity of the fencing plus searching for reestablishing invasive plant species and dead or dying native trees, shrubs. Reestablishing invasives will be removed using a weedwacker or hand tools. Dead or dying trees and shrubs will be replaced during the winter planting season. Area will be monitored for the presence of at-risk-species and address the future needs of these species. Mowing will be maintained on a 3-year cycle after August 1st. Reestablishing invasive plant species will be removed twice a year using a weedwacker or hand tools. For the first seven years of the project dead or dying native tree, grasses and shrubs will be replaced during winter planting seasons.

Other sources of funding and/or technical assistance:

Please list any other sources of funding or in-kind contributions for this project.

Technical assistance provided by Somewhere Town Conservation Administrator (in-kind assistance)

A Restored Ecosystem

A list of attributes that describe a restored ecosystem (adapted from the Society for Ecological Restoration).

Criteria
Restored ecosystem will contain a characteristic assemblage of species;
Restored ecosystem will consist of indigenous species to the greatest practicable extent;
Functional groups of the restored ecosystem will be represented or have the potential to colonize by natural means;
Restored ecosystem will be capable of sustaining reproducing populations of the species necessary for its continued stability or development along the desired trajectory;
Restored ecosystem is self-sustaining to the same degree as a comparable reference ecosystem;